

## Message Text

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ORIGIN OES-09

INFO OCT-01 ARA-14 ISO-00 NSF-02 PM-05 DODE-00 /031 R

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ARA/AND/CH - R. S. STEVEN  
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R 062119Z SEP 78  
FM SECSTATE WASHDC  
TO AMEMBASSY SANTIAGO

UNCLAS STATE 226017

E.O. 11652: N/A

TAGS: TOCY, CI

SUBJECT: R/V MELVILLE CLEARANCE REQUEST, 28 DEC - 3 FEB  
1979

1. R/V MELVILLE, A PRIVATE VESSEL OPERATED BY SCRIPPS  
INSTITUTION OF OCEANOGRAPHY AND FUNDED BY THE NATIONAL  
SCIENCE FOUNDATION, IS PLANNING TO CONDUCT MARINE SCI-  
ENTIFIC RESEARCH IN THE DRAKE PASSAGE. THE PROJECT IS  
ENTITLED F. DRAKE 79 AND IT IS A CONTINUATION OF THE  
INTERNATIONAL SOUTHERN OCEAN STUDIES (ISOS) EXPERIMENT.

2. A. THE OBJECTIVES OF THE RESEARCH ARE AS FOLLOWS:

(1) RECOVERY OF 4 DEEP PRESSURE GAUGES AND ONE CURRENT  
METER MOORING DEPLOYED IN DECEMBER 1977 FROM AGS YELCHO.

(2) DEPLOYMENT OF 6 DEEP PRESSURE GAUGES (3 EACH SIDE OF  
PASSAGE) AND TWO 100-M TIDE GAUGES (ONE EACH SIDE OF  
PASSAGE).

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(3) DEPLOYMENT OF 4 SHALLOW CURRENT/TEMPERATURE/PRESSURE  
MOORINGS (2 EACH SIDE OF PASSAGE) AND 20 DEEP CURRENT/  
TEMPERATURE/PRESSURE MOORINGS (12 ON MAIN LINE, ML,  
ACROSS PASSAGE; 8 IN MAPPING/STATISTICS, ML, ARRAY WEST  
OF THE ML).

(4) COMPLETING BATHYMETRIC SURVEYS OF POTENTIAL MOORING SITES AS REQUIRED.

(5) OCCUPY 58 HYDROGRAPHIC STATIONS (36 ALONG THE MAIN LINE ACROSS PASSAGE AND 22 AROUND THE MAPPING/STATISTICS ARRAY) WITHIN TWO WEEKS AFTER DEPLOYMENT OF THE MOORED ARRAYS.

(6) DEPLOY APPROXIMATELY 100 XBT'S DURING DEPLOYMENT OF THE MOORED ARRAYS.

(7) OCCUPY APPROXIMATELY 44 NANSEN BOTTLE STATIONS (22 ON MAIN LINE AND 22 OVER MAPPING/STATISTICS ARRAY) DURING AUSTRAL FALL, IN APRIL-MAY PERIOD; AND

(8) DEPLOY APPROXIMATELY 100 XBT'S DURING THE FALL CRUISE.

B. THE R/V MELVILLE IS SCHEDULED TO SUPPORT OBJECTIVES

(1)-(6) FROM DECEMBER 29, 1978-FEBRUARY 9, 1979. TIME ABOARD THE AGS YELCHO DURING APRIL-MAY 1979 HAS BEEN REQUESTED TO SUPPORT OBJECTIVES (7) AND (8).

3. MELVILLE WILL DEPART PUNTA ARENAS ON 28 DEC 1978 TO BEGIN RESEARCH. A PORT CALL WILL BE MADE AT PUNTA ARENAS DURING MID-CRUISE AT AN UNDETERMINED DATE AND MELVILLE WILL RETURN PUNTA ARENAS ON 3 FEB 1979. A STATION LOCATION CHART IS BEING POUCHED WHICH DESCRIBES THE SURVEY.

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4.A. THE CHIEF SCIENTIST IS W. D. NOWLIN OF TEXAS A&M UNIVERSITY WITH A SCIENTIFIC PARTY OF 27. SHIP'S CAPTAIN IS ALAN PHINNEY WITH A CREW OF 19. A LIST OF SCIENTIFIC PERSONNEL IS BEING POUCHED.

B. MELVILLE IS 1806 GROSS TONS, HAS A LENGTH OF 245 FT. AND A DRAFT OF 16 FT. RADIO CALL SIGN IS WECB AND SHIP MONITORS 2182 KHZ AND VHF CHANNEL 16 WHILE UNDERWAY.

C. EQUIPMENT TO BE UTILIZED INCLUDES PRESSURE GAUGES, CURRENT METERS, STD'S, XBT'S, NANSEN BOTTLES AND TIDE GAUGES.

5. BERTHS ARE AVAILABLE FOR TWO CHILEAN SCIENTISTS AND ALL DATA RESULTS WILL BE FREELY SHARED.

6. ACTION: EMBASSY IS REQUESTED TO SEEK GOC CLEARANCE FOR RESEARCH DESCRIBED ABOVE, PART OF WHICH WILL BE CONDUCTED IN CHILEAN TERRITORIAL WATERS. CLEARANCE PERIOD IS 28 DEC 1978 - 3 FEB 1979. CHRISTOPHER

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## Message Attributes

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**Capture Date:** 01 jan 1994  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** MELVILLE R/V, PORT CLEARANCES  
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**Copy:** SINGLE  
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**Decaption Date:** 01 jan 1960  
**Decaption Note:**  
**Disposition Action:** n/a  
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**Disposition Comment:**  
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**Subject:** R/V MELVILLE CLEARANCE REQUEST, 28 DEC - 3 FEB 1979  
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**To:** SANTIAGO  
**Type:** TE  
**vdkgvwkey:** odb://SAS/SAS.dbo.SAS\_Docs/2069fa56-c288-dd11-92da-001cc4696bcc  
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